SEQUENCE LISTING

Merck Patent GmbH

<120> Glucose dehydrogenase fusion proteins and their use in expression systems

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<170> PatentIn Ver. 2.1

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255                 260                 265                 270

cca gaa caa cgt gca gac gta gaa agc atg att cca atg ggt tac atc  1040
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caa gca agc tat gta aca ggt att aca tta ttt gca gat ggc ggt atg  1136
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Asp Asp Ile Tyr Gln Arg Pro Val Glu Phe Pro Asn Leu Pro Leu Lys
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Pro Arg Glu Glu Met Tyr Thr Asp Leu Lys Asp Lys Val Val
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Val Ile Thr Gly Gly Ser Thr Gly Leu Gly Arg Ala Met Ala Val Arg
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Glu Glu Ala Leu Asp Ala Lys Lys Glu Val Glu Glu Ala Gly Gly Gln
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Gln Ala Ser Tyr Val Thr Gly Ile Thr Leu Phe Ala Asp Gly Gly Met
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<221> primer_bind
<222> (1)..(31)
<223> Primer 4, GlcDH

<220>
<223> Description of the artificial sequence: primer

<400> 8
gcgcagcgct ctattagcct cttcctgctt g 31

<210> 9
<211> 31
<212> DNA
<213> Artificial sequence

<220>
<221> primer_bind
<222> (1)..(31)
<223> Primer 5, Tridegin

<220>
<223> Description of the artificial sequence: primer

<400> 9
gcgcatcgat atgaaactat tgccttgcaa a 31

<210> 10
<211> 31
<212> DNA
<213> Artificial sequence

<220>
<221> primer_bind
<222> (1)..(31)
<223> Primer 6, Tridegin

<220>
<223> Description of the artificial sequence: primer

<400> 10
gcgcctgcag gtgatggtga tggtgatgcg a 31

<210> 11
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<221> primer_bind
<222> (1)..(22)
<223> Primer 7, pASK 75UPN

<220>
<223> Description of the artificial sequence: primer

<400> 11
ccatcgaatg gccagatgat ta 22

<210> 12
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<221> primer_bind
<222> (1)..(21)
<223> pASK 75 RPN

<220>
<223> Description of the artificial sequence: primer

<400> 12
tagcggtaaa cggcagacaa a 21

<210> 13
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<221> primer_bind
<222> (1)..(20)
<223> Primer 9, T7 Seq.

<220>
<223> Description of the artificial sequence: primer

<400> 13
taatacgact cactataggg 20

<210> 14
<211> 18
<212> DNA
<213> Artificial sequence

<220>

<221> primer_bind
<222> (1)..(18)
<223> Rev. Seq.

<220>
<223> Description of the artificial sequence: primer

<400> 14
tagaaggcac agtcgagg 18